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IN THE CLAIMS:

Claims 1 - 4 (PREVIOUSLY CANCELLED)

5. (PREVIOUSLY AMENDED) A lead according to Claim 62, wherein said lead comprises two pairs of electrodes, each of said pairs comprising a sensing electrode and a signal delivery electrode, wherein the sensing electrode of one of said pairs of electrodes is in adjacent axial arrangement with respect to the sensing electrode of the other pair of electrodes.

6. (PREVIOUSLY AMENDED) A lead according to claim 5, wherein each sensing electrode is spaced from the nearest disposed signal delivery electrodes by a distance such as to minimize interference between the signal provided by said sensing electrode and the field provided by said nearest signal delivery electrodes, and such that each said nearest signal delivery electrode provides an electric field that corresponds with said signal provided by the corresponding said sensing electrode.

7. (PREVIOUSLY AMENDED) A lead according to claim 6, wherein the distance is between about 2 mm and about 10 mm.

8. (PREVIOUSLY AMENDED) A lead according to claim 5, wherein each sensing electrode comprises a substantially cylindrical member having an external diameter and having a lumen of a diameter slightly larger than the outer diameter of the distal portion of said lead.

9. (PREVIOUSLY AMENDED) A lead according to claim 8, wherein the cylindrical member comprises a longitudinal length less than the external diameter thereof.

10. (PREVIOUSLY AMENDED) A lead according to claim 9, wherein the external diameter is less than 1.2 mm.